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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	CTS-2413
First Inventor	Murray Kajala
Title	Tension Sensing Device
Express Mail Label No.	EU290798581US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 18]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 5 ]
5. Oath or Declaration [ Total Pages ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
 (for continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	29184		or <input type="checkbox"/> Correspondence address below	
Customer No. or Attach Bar Code Label				
Name	Mark P. Bourgeois			
Address	CTS Corporation			
Address	905 West Boulevard North			
City	Elkhart	State	IN	Zip Code
Country	USA	Telephone	574-293-7511	Fax
Name (Print/Type)	Mark P. Bourgeois	Registration No. (Attorney/Agent)	37,782	
Signature			Date	06/27/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

16638 U.S. PTO  
06/27/03

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **(\$)** 896.00

<b>Complete if Known</b>	
Application Number	Herewith
Filing Date	06/27/2003
First Named Inventor	Murray Kaijala
Examiner Name	
Art Unit	
Attorney Docket No.	CTS-2413

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None  
 Deposit Account:

Deposit Account Number **03-1677**  
Deposit Account Name **CTS Corporation**

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Fee	Small Entity	Fee	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)				
1001	740	2001	370	Utility filing fee	<b>740</b>
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$)</b> 740.00			

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims	<b>24</b>	-20** = <b>4</b>	<b>x 18 = 72.00</b>
Independent Claims	<b>4</b>	- 3** = <b>1</b>	<b>x 84 = 84.00</b>
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202	18	2202 9 Claims in excess of 20
1201	84	2201 42 Independent claims in excess of 3
1203	280	2203 140 Multiple dependent claim, if not paid
1204	84	2204 42 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$)</b> 156.00

\*\*or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	400	2252 200 Extension for reply within second month	
1253	920	2253 460 Extension for reply within third month	
1254	1,440	2254 720 Extension for reply within fourth month	
1255	1,960	2255 980 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,280	2453 640 Petition to revive - unintentional	
1501	1,280	2501 640 Utility issue fee (or reissue)	
1502	460	2502 230 Design issue fee	
1503	620	2503 310 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	740	2809 370 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	740	2810 370 For each additional invention to be examined (37 CFR 1.129(b))	
1801	740	2801 370 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** **(\$)**

(Complete if applicable)

Name (Print/Type)	Mark P. Bourgeois	Registration No. (Attorney/Agent)	37,782	Telephone	574/293-7511
Signature					
Date	06/27/2003				

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

THE HONORABLE COMMISSIONER FOR PATENTS  
U.S. Patent Office  
Alexandria, VA 22313-1450

June 27, 2003

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Murray Kaijala, Patrick B. Blakesley and Dale Teeters  
Title: "Tension Sensing Device"

Enclosed are:

- 1) Certificate of Express Mail (Express # EU290798581US)
- 2) Transmittal Letter
- 3) PTO/SB/17 Fee Transmittal (2 copies)
- 4) PTO/SB/05 Utility Patent Application Transmittal
- 5) Application, including Spec, claims and abstract (18sheets)
- 6) Informal Drawings (5 sheets)
- 7) IDS Cover sheet
- 8) PTO-1449 IDS
- 9) Cited References (33)
- 10) Postcard Mailing Receipt

Respectfully submitted,

CTS CORPORATION



Mark P. Bourgeois  
Reg. No. 37,782

Enclosures

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" Mailing Label EU290798581US

EU 290798581 US

Date of Deposit: June 27, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" Service under 37.CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application; Commissioner for Patents; PO Box 1450; Alexandria, VA 22313-1450.

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Vickie Newman

(Typed or Printed Name of Person Mailing Paper or Fee)

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(Signature of Person Mailing Paper or Fee)